

The Array Networks SPX2000i enables anytime, anywhere secure access for remote employees to e-mails, files, intranets and applications.

With Array SSL VPN, mobile and on-site workers need only a common Web browser to quickly and securely access productivity-enhancing resources. Easy to deploy and manage, the 2000i slots transparently behind existing firewalls and completely eliminates the need to pre-install and maintain VPN clients on end-user PCs.

■ Remote Access Made Easy

The Array Networks SPX2000i is an ideal choice for small to mid-sized organizations needing to support an increasingly mobile workforce.

Easy to deploy and use, the 2000i enables browser-based secure access to any resource (emails, file shares, intranets, applications) from any location (home, airports, hotels, hotspots) using any device (laptops, desktops, cell phones, PDAs).

Compared to alternative SSL VPN solutions, the SPX2000i offers more standard features, unmatched scalability and performance (hardware SSL), and significantly lower cost per user.

■ Your Choice of Access Modes

Making resources available on a per user, per application basis provides added security. But for power users, full network connectivity provides greater productivity. With Array you get both.

Using only a standard Web browser, users have layer 7 access to file shares, Web-based applications, intranets, and Web-enabled email applications.

For users needing greater access, or applications needing to utilize clients residing on user devices, Array provides full layer 3 connectivity through an automated agent downloaded on-the-fly.

■ Security & Access Control

The SPX2000i features unparalleled safeguards for protecting business critical information. Host checking scans access devices prior to each session, ensuring they do not pose a threat to resources or the corporate network.

Granular authentication and authorization provide dynamic access control for URLs, files, and applications based on user identity and role within the organization, while comprehensive auditing tracks all activity on a per user, per event, and per resource level.

All traffic is encrypted in transit; and at the end of every session, user devices and caches are wiped clean - preventing unauthorized viewing or transfer of sensitive data.

■ Unmatched Performance

No other SSL VPN solution for the small to mid-sized organization comes close to the performance or scalability of the SPX2000i.

Starting with a 10 user license option, the SPX2000i scales all the way to 100 concurrent users while maintaining single-digit millisecond latency for each and every session.

Perfect for employees on-the-go, who don't have time for lengthy download times. And perfect for future growth, which won't require a hardware upgrade.

Product Highlights

- **Ideal for the small to mid-sized organization** needing to support between 10 and 100 concurrent users
- **Anytime, anywhere secure remote access** to any resource from any device: Emails, files, applications, intranets; from home, hotels, airports, hotspots; using laptops, desktops, cell phones, PDAs
- **Only a common Web browser required for:**
 - Layer 7 access to specific applications
 - Layer 3 LAN-like network access
- **End-to-end security including:**
 - Host checking and cache cleaning
 - Authorization, authentication, and auditing
 - Granular access control
 - Hardware SSL encryption
- **Unmatched performance and scalability:**
 - Superior user experience with fewer support calls
 - Cost-effective strategy for supporting future users
- **Lowest TCO and effortless management:**
 - Significantly more standard features
 - Lower cost per user compared to other vendors
 - No clients to install or manage on access devices
 - Transparent to existing firewalls and infrastructure

■ Effortless Management

The SPX2000i offers both a CLI and a Web user interface that can be customized to create an intuitive management system. End-user portals can be customized just as easily to provide a tailored experience multiple user groups.

Best-of-all, the SPX2000i integrates seamlessly without requiring any changes to existing firewalls or infrastructure, and fully eliminates the need to install and manage VPN clients.

Application Support

Web-Based Applications

- 100% clientless Web-based applications
- Supports re-write of URLs found in HTML, JavaScript, HTTP cookies
- Ensures proper function of application beyond the corporate network
- Masks internal DNS and IP addressing
- Device Platforms Supported: Windows98SE, ME, 2K, XP, Linux, WAP/WML portal, BREW, Java-based cellphones, WinCE/PALM PDA

Client/Server Applications

- Any client-initiated TCP applications
- Single port, multi-port, dynamic port
- Outlook, Lotus Notes
- Passive & Active FTP

Layer 3 VPN

- Supports any IP based applications (TCP, UDP, NetBIOS)
- Allows IPSec traffic to be tunneled over SSL VPN
- Different network pools defined per user or group
- Split tunneling and full tunneling control
- Network drive mapping
- Automatic launch of network scripts/commands
- IP address assignment based on users, groups, DHCP and RADIUS
- Works in conjunction with all other resources
- Supports Windows98SE, ME, 2000, XP and LINUX
- Pre-installable client, web-delivered client

File Access

- SMB, DFS (Windows); NFS (UNIX)
- Browse and delete directories
- Upload, download and delete files
- Easy access
- Maintains original server policies (access rights)
- Supports NTLM single sign-on

End-to-End Security

End-Point Security

- Host Checking**
- Tests device state prior to allowing access
 - Scans for personal firewalls, anti-virus, OS service packs
 - Customized rules for a range of apps, registry checks, patches

Adaptive Policies

- Level of access conditional on end-point status
- Supports virtual instances
- Integrated policy management

Cache Cleaning

- Per-session with idle timeout and browser closure
- Windows 2K and previous generation Windows
- RedHat, Linux 9
- Mac OS X

Multi-Layer Security

Security-Hardened ArrayOS™

- Not subject to vulnerabilities of other shelf operating systems
- System as secure as the information it protects

SSL VPN Firewall

- Content filtering
- Supports passive and active filtering
- Supports permit or deny policies
- Layer 7 filtering
- DDoS prevention

Fully Stateful Reverse Proxy

- Network gapping and separation
- All connections terminated on SPX, all traffic inspected
- Supports re-encryption on the back end

AAA

Authentication

- LDAP, Radius, AD, LocalDB, RSA SecurID, Swivel, Vasco, Cellphone, Custom
- Certificate based authentication
- Supports authentication server rating (search user credential in multiple servers)

Authorization

Granular access control of resources

- Supports group and users policies
- Supports permit and deny policies
- Supports global users (remote + internal)
- Consolidated access control
- Provides high flexibility in configuration

Two factor authentication/authorization

- SSL Client certificates
- RSA SecurID
- Entrust
- Other RADIUS-based authentication systems

Single Sign-on

- NTLM
- HTTP Basic Authentication

Auditing

- Full audit trail in WebTrends WELF format
- Logs all user activity – success, failures, attacks

Performance

SpeedStack™ Technology

- Up to 800 SSL transactions per second
- Optimized packet flow reduces processing delay
- Single-digit millisecond latency

Hardware-based SSL Acceleration

- High performance engine
- Key exchange and bulk encryption performed in kernel
- Industry leading metrics

Connection Multiplexing

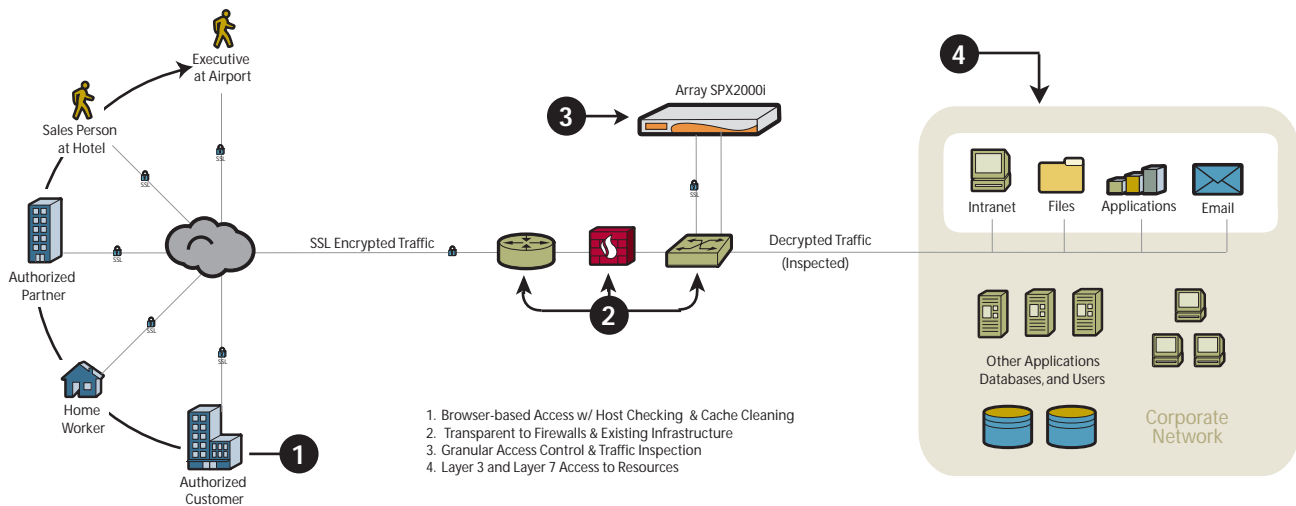
- Reduces number of back-end connections
- Optimizes servers for greater efficiency

TCO and Management

- Invest-as-you-grow license packs
- Connection multiplexing minimizes need for expensive servers and server software
- No client installation or management for access devices
- Transparent firewalls and infrastructure
- RADIUS accounting
- SSH/CLI, SSL/WebUI, SNMP, XML/RPC API
- Integration with Microsoft Operations Manager, HP OpenView

SSL Processing	HW
Ports	2 FE
Min User License	10
Max Concurrent Users	100
SSL TPS	800
Throughput	100 Mbps
Max SSL Sessions	4000
Form Factor	1U
Power Supply	Single
Clustering	1+1

Secure Remote Access Architecture



Technical Specifications

Standard Support	90 Day 8 to 5 Silver Support	Dimensions & Weight	17" W X 15" D X 1.75" H or 1U: 14 lbs
Extended Support	8 to 5 Silver Support & 24/7 Gold Support	Environmental	Operating Temperature: 0° to 40°C, Humidity: 0% to 90%, non-condensing 100-240VAC, 8-4 A, 63-47Hz, Auto-ranging
Standards	2 Port 10 Base-T/100 Base-TX, IP, SecurID, SSL-TLS, HTTP 1.0/1.1, SNMP	Regulatory compliance	Emissions: FCC, ICES, VCCI, MIC, BSMI, AS/NZS 3548, Compliance EN 55022, EN 55024 Class A: EN 60950, UL 1950, CAN/CSA 950, NOM
Management	SSH CLI, Direct Console CLI, SNMP, Single Console for Cluster, Array Pilot™ (Secure WebUI) for Array OS, XML-RPC	Safety	CSA, CE, UL
Console port	Male DB9 Serial (RS232) Port		

